

ABSTRACT OF THE DISCLOSURE

A multiple-speed transmission for use in an automotive vehicle driveline includes a torque converter, three simple planetary gear units, or two simple planetary gear units and a compound planetary gear unit, friction clutches and brakes, and an optional one-way coupling. The engaged and disengaged states of the friction elements permit the transmission to produce several underdrive speed ratios, a direct drive ratio, and several overdrive speed ratios.